

Title (en)

Display apparatus and power supplying apparatus for lamp unit thereof

Title (de)

Anzeigegerät und Energieversorgungsgerät für eine Lampeneinheit damit

Title (fr)

Appareil d'affichage et appareil d'alimentation en courant pour unité de lampe correspondante

Publication

**EP 1734796 A1 20061220 (EN)**

Application

**EP 06114949 A 20060602**

Priority

KR 20050048608 A 20050607

Abstract (en)

A display apparatus is provided with a panel (20) to display a picture thereon. The display apparatus comprises an inverter (72) to convert DC power into AC power. The display apparatus also includes at least one lamp unit (40) comprising a lamp body (41) and a lamp electrode part (42) provided in at least one of opposite ends of the lamp body (41) to receive an electric power. A transformer (77) is arranged adjacent to the lamp electrode part (42) to boost up a voltage of the electric power output from the inverter (72) to supply the electric power with the boosted voltage as a driving power to the lamp unit (40).

IPC 8 full level

**H05B 41/282** (2006.01); **G09G 3/36** (2006.01)

CPC (source: EP KR US)

**G02F 1/133** (2013.01 - KR); **H05B 41/26** (2013.01 - KR); **H05B 41/2825** (2013.01 - EP US)

Citation (search report)

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- [XY] US 6144360 A 20001107 - EVANICKY DANIEL E [US], et al
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- [Y] US 2004240235 A1 20041202 - MIN BYOUNG OWN [KR]

Designated contracting state (EPC)

DE FR GB IT NL

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1734796 A1 20061220**; **EP 1734796 B1 20090429**; CN 1877422 A 20061213; DE 602006006502 D1 20090610; KR 20060127555 A 20061213; US 2006273739 A1 20061207; US 7808190 B2 20101005

DOCDB simple family (application)

**EP 06114949 A 20060602**; CN 200610091613 A 20060606; DE 602006006502 T 20060602; KR 20050048608 A 20050607; US 43243106 A 20060512